AMENDMENT

Please amend the subject application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows:

Please replace the last full paragraph on page 1 with the following rewritten paragraph:

U.S. Patent No. [[_____]] 6,630,772 to Bower et al. (based on U.S. Patent Application Ser. No. 09/296,572 entitled "Device Comprising Carbon Nanotube Field Emitter Structure and Process for Forming Device") the disclosure of which is incorporated herein by reference, in its entirety, discloses a carbon nanotube-based electron emitter structure.

Please replace the first full paragraph on page 2 with the following rewritten paragraph:

U.S. Patent ~~No. _____~~ (Application Ser. No. 09/351,537 entitled "Device Comprising Thin Film Carbon Nanotube Electron Field Emitter Structure"[[)]], the disclosure of which is incorporated herein by reference, in its entirety, discloses a carbon-nanotube field emitter structure having a high emitted current density.

Please replace the second full paragraph on page 2 with the following rewritten paragraph:

U.S. Patent No. 6,277,318 to Bower et al. (entitled "Method for Fabrication of Patterned Carbon Nanotube Films"), the disclosure of which is incorporated herein by reference, in its entirety, discloses a method of fabricating adherent, patterned carbon nanotube films onto a substrate patterned with a carbide-forming material, a carbon-dissolving material, or a low melting point metal. Carbon-dissolving materials include elements such as Ni, Fe, Co, and Mn.

Carbide-forming elements include elements such as Si, Mo, Ti, Ta, W, Nb, Zr, V, Cr, and Hf.

Please replace the third, fourth, fifth and sixth full paragraphs on page 2 with the following four rewritten paragraphs:

U.S. Patent. No. [[_____]] 6,334,939 to Zhou et al. (based on U.S. Patent Application Ser. No. 09/594,844 entitled "Nanostructure-Based High Energy Material and Method"), the disclosure of which is incorporated herein by reference, in its entirety, discloses a nanostructure alloy with alkali metal as one of the components. Such materials are described as being useful in certain battery applications.

U.S. Patent. No. [[_____]] 6,553,096 to Zhou et al. (based on U.S. Patent Application Ser. No. 09/679,303 entitled "X-Ray Generating Mechanism Using Electron Field Emission Cathode"), the disclosure of which is incorporated herein by reference, in its entirety, discloses an X-ray generating device incorporating a nanostructure-containing material.

U.S. Patent. No. [[_____]] 6,965,199 to Stoner et al. (based on U.S. Patent Application Ser. No. 09/817,164 entitled "Coated Electrode With Enhanced Electron Emission And Ignition Characteristics") the disclosure of which is incorporated herein by reference, in its entirety, discloses an electrode including a first electrode material, an adhesion-promoting layer, and a carbon nanotube-containing material disposed on at least a portion of the adhesion promoting layer, as well as associated devices incorporating such an electrode.

U.S. Patent. No. [[_____]] 6,787,122 to Zhou (based on U.S. Patent Application Ser. No. 09/881,684 entitled "Method of Making Nanotube-Based Material With Enhanced Field Emission") the disclosure of which is incorporated herein by reference, in its entirety, discloses a technique for introducing a foreign species into the nanotube-based material in order to improve the emission properties thereof.

Please replace the second full paragraph on page 8 with the following rewritten paragraph:

Next, the raw carbon nanotube-containing material is subjected to purification. A number of techniques for purifying the raw materials are envisioned. According to one preferred embodiment, the raw material can be purified by reflux in a suitable solvent, such as a combination of peroxide (H_2O_2) and water, with an H_2O_2 concentration of 1-40% by volume, preferably about 20% by volume H_2O_2, with subsequent rinsing in CS_2 and then in methanol, followed by filtration. According to an exemplary technique, approximately 10-100 ml of peroxide is introduced into the medium for every 1-10 mg of nanotubes in the medium, and the reflux reaction is carried out at a temperature of 20-100°C (see, e.g. – U.S. Patent No. [[_____]] 6,553,096 to Zhou et al. (based on U.S. Patent Application Ser. No. 09/679,303)).